

1600

RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/854,432A

DATE: 07/03/2003 TIME: 15:28:16

Input Set : A:\49853seq.txt

Output Set: N:\CRF4\07032003\1854432A.raw

```
3 <110> APPLICANT: Applied Research Systems ARS Holding N.V.
     5 <120> TITLE OF INVENTION: TNF/IFN STIMULATED GENES
     7 <130> FILE REFERENCE: US441/NP
     9 <140> CURRENT APPLICATION NUMBER: US 09/854,432A
C--> 11 <141> CURRENT FILING DATE: 2001-05-11
    11 <160> NUMBER OF SEO ID NOS: 31
                                                          ENTERED
```

13	<170>	SOFTWARE:	PatentIn version 3.0	
4 -	.010.	000 ED 110		

15 <210> SEQ ID NO: 1 16 <211> LENGTH: 264
17 <212> TYPE: DNA

Ι/	<212> TYPE: DNA					
18	<213> ORGANISM: Mus mus	sculus				
20	<400> SEQUENCE: 1					
21	gcgaaagaac tgaggctttt t	ctcatggct	gaaaacaaac	accctgacaa	accacttaag	60
23	gtgttggaac agctgggcaa a	agaagtcctt	acggagtacc	tagaaaaatt	agtacaaagc	120
25	aatgtactga aattaaagga g	ggaagataaa	caaaaattta	acaatgctga	acgcagtagc	180
27	aagcgttggg tttttgtaga t	gccatgaaa	aagaaacaca	gcaaagtagg	tgacatgctt	240
29	ctccagacat tcttcagtgt g	ggac				264
32	<210> SEQ ID NO: 2					
33	<211> LENGTH: 450					
34	<212> TYPE: DNA					
35	<213> ORGANISM: Mus mus	sculus				
37	<400> SEQUENCE: 2					
38	gttcttttcc ttttgggcat c	catcttcctg	gagcaggtgt	ggagttcgag	gaaccctagt	60
40	gataaggaat gcacgatgct c	cctgcatcag	caccagccga	ggcacgatcc	actacaaatc	120
42	cctcaaagac ctcaaacagt t	tgccccaag	ccccaattgc	aacaaaactg	aaatcattgc	180
44	tacactgaag aacggagatc a	aaacctgcct	agatccggac	tcggcaaatg	tgaagaagct	240
46	gatgaaagaa tgggaaaaga a	agatcaacca	aaagaaaaag	ccaaccaggg	ggaaaaaaca	300
48	tcaaaagaac atgaaaaaca g	gaaaacccaa	aacaccccaa	agtcgtcgtc	gttcaaggaa	360
50	gactacataa gagaccatta c	ctttaccaac	aagcaccctg	aatcttaatg	ggttttagat	420
$\Gamma \cap$	tatactassa sacattacet e	nacausau				450
52	tgtactgaaa agccttccct g	ggcagagcag				400

	_	_		-	
53	<210>	SEQ	ID	NO:	3
E 4	Z2115	T PAGE	יוחי	F 0.4	`

54 <211> LENGTH: 582

55	<212> TYPE	DNA					
56	<213> ORGAN	NISM: Mus m	ısculus				
58	<400> SEQUE	ENCE: 3					
59	aattcggatc	catgccacat	ctgacagaac	ttgccactgt	gcctgcaacc	ttgtctgaga	60
61	ggaagcaagg	actggtgtga	ggagggagct	gtgagccctt	ctctgaggat	ggacacttct	120
63	cacactacaa	agtcctgttt	gctgattctt	cttgtggccc	tactgtgtgc	agaaagagct	180
65	cagggactgg	agtgttacca	gtgctatgga	gtcccatttg	agacttcttg	cccatcaatt	240
67	acctgcccct	accctgatgg	agtctgtgtt	actcaggagg	cagcagttat	tgtgggttct	300
69	caaacaagga	aagtaaagaa	caatctttgc	ttacccatct	gccctcctaa	tattgaaagt	360
71	atggagatcc	tgggtactaa	ggtcaatgtg	aagacttcct	gttgccagga	agacctctgc	420
73	aatgcagcag	ttcccaatgg	aggcagcacc	tggaccatgg	caggggtgct	tctgttcagc	480

RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/854,432A TIME: 15:28:16

DATE: 07/03/2003

Input Set : A:\49853seq.txt

Output Set: N:\CRF4\07032003\I854432A.raw

75 ctgageteag teeteetgea gaeettgete tgatggteet eeaatgaeet eaceettgte 77 etttateeea tgtgaaaatt ettetggage etetagtgat ga 80 <210> SEQ ID NO: 4 81 <211> LENGTH: 545 82 <212> TYPE: DNA	540 582
83 <213> ORGANISM: Mus musculus	
85 <400> SEQUENCE: 4	
86 ggaagtttta tctgtgcagc ccttctctga ggatggacag tactcacgct acaaagtcct	60
88 gtttgctgat tcttcttgtg gccctactgt gtgcaggaag agctcaggga ctgcagtgct	120
90 acgagtgcta tggagtgcca attgagactt cctgcccagc agttacctgc cgcgcctctg	180 240
92 atggattetg cattgeteaa aacatagaat tgattgagga eteteaaaga aggaaactaa 94 agaeeegtea gtgeetttet ttetgeeetg etggtgtgee aateaaggat eetaacatea	300
96 gggagaggac ttcctgttgc agcgaagacc tctgcaatgc agcagttccc actgcaggca	360
98 gcacctggac catggcaggg gtgcttctgt tcagcctgag ctcagtcatc ctgcagacct	420
100 tgctctgatg gtccttccaa tgacccccac cttttccttt tatcccatgt gcaacactct	480
102 gtcctggagt ctctagtgca gattatatgt tatgaatgtc aatgtgggga tagtgtgtgg	540
104 aaacc	545
105 <210> SEQ ID NO: 5	
106 <211> LENGTH: 562	
107 <212> TYPE: DNA	
108 <213> ORGANISM: Mus musculus	
110 <400> SEQUENCE: 5	
111 tcggagaggg gaactgctgg tagccaagcg agatgccttt atcaagaaga acatggatgt	60
113 ctcatcagct cgttgctcag acttgctgga ggatattttt ggacccctgg aagaagaagt	120
115 aaaattaggg acattttcta aaccaggagg ttactacctc ttccttcaaa tgagacaaga	180
117 gctagagaaa aagtataacc aggctcctgg gaaggggctc caggcagaag cgatgctgaa	240
119 aaactacttt gattccaagg cagatgttgt tgaaacactt ctacagacgg atcagtcact	300
121 cacagaggca gcaaaggagg tagaagagga acgtacgaag gctgaagctg ctgaagctgc	360
123 aaacagagag ttagaaaaga agcagaagga gttcgagctg atgatgcagc agaaggaaaa	420
125 gagttaccag gagcatgtga agaagctgac tgagaagatg aaagacgaac agaaacagtt	480
127 attagcagaa caggaaaaca tcatagctgc taaacttcgg gaacaggaaa aatttcttaa	540 562
129 ggaaggattc gagaatgaga gc 132 <210> SEQ ID NO: 6	362
133 <211> LENGTH: 144	
134 <212> TYPE: DNA	
135 <213> ORGANISM: Mus musculus	
137 <400> SEQUENCE: 6	
138 cgagggtttg caaattcctt aacacagtct agaaacttcc tcttgcacag cataaaagta	60
140 ttctcacaag taattccaga tcctgtcagg tttacaatca gtatttacag tcacatgagg	120
142 caatgatgtg aaatagaggt aagg	144
145 <210> SEQ ID NO: 7	
146 <211> LENGTH: 574	
147 <212> TYPE: DNA	
148 <213> ORGANISM: Mus musculus	
150 <400> SEQUENCE: 7	
151 tgatagagag ggtcttatcg ctgggctggc cctgagggga ataggccagc gcccacagaa	60
153 gagcatagca ctggccctag agctggctct gtactaggag acaattgcac taaatgagtc	120
155 ctattcccaa agaactgctg ccctgtccca accgagccct gggatggttc ccaagccagt	180
157 gaaatgtgaa gggaaaaaa atggggtcct gtgaaggttg gctcccttag cctcagaggg	240

RAW SEQUENCE LISTING

DATE: 07/03/2003 PATENT APPLICATION: US/09/854,432A TIME: 15:28:16

Input Set : A:\49853seq.txt

Output Set: N:\CRF4\07032003\1854432A.raw

159	aatctgcctc actacctgct	ccagctgtgg	ggctcaggag	aaagaaatgg	cactttctct	300
161	gtggactttg ccacatttct	gatcagaggt	gtacactaac	atttctcccc	agtctaggcc	360
163	tttgcattta tttatatagt	gccttgcctg	gtacctacta	tctcctcagg	ccttggcagt	420
	cctcagcagg cccagggaaa					480
	ttagaaacgc caactgactg					540
	gtaaatttgg ccttttataa				J - J	574
	<210> SEQ ID NO: 8	3 ·	- 5			• • •
	<211> LENGTH: 460					
	<212> TYPE: DNA					
	<213> ORGANISM: Mus mu	usculus				
	<400> SEQUENCE: 8					
	attcggcacc tggggtggat	caggtggagg	ccatgataaa	atctcctqct	gtgttcaaac	60
	ctacagatga agaaacaata					120
	ctaatgggta cttacttcct					180
	atttccttga catggtgact					240
	actagttgcc ttctaattaa					300
	agaaaaacag gacactgata					360
190	tttatccacc tttactgatt	atgtatccac	attaggtaga	acaaaaaaat	cadatatata	420
192	taaataaact gatagctaaa	actateceet	cactttgagt	gouaggggae	cagacacgea	460
	<210> SEQ ID NO: 9	accaccacca	caccegage			400
	<211> LENGTH: 512					
	<212> TYPE: DNA					
	<213> ORGANISM: Mus mu	isculus				
	<400> SEQUENCE: 9	2004140				
	ggttttgtca acccaacaga	ctctagagac	tcatgaaaga	taaatctaaa	ggattgcatt	60
203	tgggaaatta ttttgcttat	gttaattgag	gtaggaaacc	ctttcctcta	tagatagcac	120
	cattccctag ctggcaatcg					180
	tttacattat ttcataactc					240
209	gaatgaaact agctgcctca	agattettga	taatgaccta	tataacctta	aacttgatac	300
211	tgtagtcttt cttgaaagag	atattaaaga	gaaaccataa	ctgggctaga	gagatggctc	360
213	agtagataaa gtagaacttg	taagtttgaa	gacttaagtt	cagataccca	gaacccacat	420
215	aaagccagct aatcatctgt	aatccatgca	cttctatggt	gagatgggag	gtagaatgag	480
217	aaaaattttg gaagattgtg	ggggcagcta	tc	2~2~0995~9	guagaaugag	512
	<210> SEQ ID NO: 10	99999				JIL
	<211> LENGTH: 538					
	<212> TYPE: DNA					
223	<213> ORGANISM: Mus mu	ısculus				
	<400> SEQUENCE: 10					
	ggcctctcat tgtcaccgaa	gaacttcact	ctcttagctt	taaaacccaa	ttataccaac	60
228	caggettggt gattgacetg	gagaccacct	ctcttcctat	cataataata	tccaacatca	120
230	gccagctccc cagtggctgg	gcgtctatcc	tataatacaa	catactaata	acadadccca	180
232	ggaatctctc cttcttcctg	aaccccccat	acacataata	atcccaactt	cagageeea	240
234	gagttggcag ttttcatcag	tcaccaagag	aggtetgage	gcacagece	taaacatact	300
236	gggagagaag ctgctgggcc	ctaatactaa	ccctgatggt	cttattccat	agagearger	360
238	ttgtaaggaa aatattaatg	ataaaaattt	ctccttctaa	ccttggattg	acaccatcct	420
240	agagctcatt aagaagcacc	tactatacct	ctagaatgat	agatacette	tagacttcat	480
242	cagcaaggag cgagaacgcg	ctctactcaa	dascesacea	ccacacacat	taataatt	538
245	<210> SEQ ID NO: 11	July	ggaccagcag	ccagggacgt	coccycci	550
	<211> LENGTH: 371					
	DEROIII. DII					

RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/854,432A

DATE: 07/03/2003 TIME: 15:28:16

Input Set : A:\49853seq.txt

Output Set: N:\CRF4\07032003\1854432A.raw

~ 1 /	<212> TYPE: DNA					
	<213> ORGANISM: Mus m	usculus				
	<400> SEQUENCE: 11					
251	aaagatatta ccacacccac	ggagacagtt	gaggagcgga	ggtgcttgtt	acatgagaaa	60
253	atgtaaactc taggagatac	ccggaattta	ccacgaatgt	gtttccccga	cccgctccct	120
	attagacggg gtttcaggta					180
	cctcccggtg ctgagcttgt tgatagaatg agaagaacg					240 300
	aaccaaaggc ataggctggc					360
	tagtatttta t	accegggege	cccacgggcg	ccigacaccc	gradradad	371
	<210> SEQ ID NO: 12					371
	<211> LENGTH: 460					
	<212> TYPE: DNA					
	<213> ORGANISM: Mus mu	usculus				
	<400> SEQUENCE: 12					
272	gtggccccca ggatcggcca	tcctaaacct	gccctgctgc	actcgacctt	cttccctgcc	60
	ctgcaggcgc tcagaccaag					120
276	acacggccaa gcagatcaag	agcaaggtca	acaagcatgc	attttctgga	ggaagagata	180
280	ctgtggagga gcacaggcag	tttgggggca	actgtgaagt	ggatgtatcc	ttcatgtatc	240
282	tgaccttctt ccttgaagat gacgcatgct cacgcgggga	gacgacagge	tggagcagat	cagaaaggat	tacaccagcg	300 360
	gcagagcacc aggcccgacg					420
286	gcccggcag ctgtccttcc	acttccagtg	cttctacttt	accycyaayy	ageceaegae	460
	<210> SEQ ID NO: 13					100
	<211> LENGTH: 485					
291	<212> TYPE: DNA					
271	VZIZZ TIPE: DNA					
292	<213> ORGANISM: Mus mu	ısculus				
292 294	<213> ORGANISM: Mus mu <400> SEQUENCE: 13					
292 294 295	<213> ORGANISM: Mus mu <400> SEQUENCE: 13 gaaaagatga gctccccacc	atatcttata	ctgaaagtca	gacgaagtca	cctggtggaa	60
292 294 295 297	<213> ORGANISM: Mus model <400> SEQUENCE: 13 gaaaagatga gctccccacc gacacattgc gtcaattaag	atatcttata acaagtggaa	gactttgacc	ttaggaagca	actatcggtt	120
292 294 295 297 299	<213> ORGANISM: Mus mm <400> SEQUENCE: 13 gaaaagatga gctcccacc gacacattgc gtcaattaag ggatttatta atgaaattcg	atatcttata acaagtggaa tcctgaggct	gactttgacc gggggagtga	ttaggaagca gttcagagtt	actatcggtt cttccactgt	120 180
292 294 295 297 299 301	<213> ORGANISM: Mus mm <400> SEQUENCE: 13 gaaaagatga gctccccacc gacacattgc gtcaattaag ggatttatta atgaaattcg atatttgaag agatgacaga	atatcttata acaagtggaa tcctgaggct ccccaaatat	gactttgacc gggggagtga gaaatgttca	ttaggaagca gttcagagtt tatatcctga	actatcggtt cttccactgt aaagggttcc	120 180 240
292 294 295 297 299 301 303	<213> ORGANISM: Mus model <400> SEQUENCE: 13 gaaaagatga gctcccacc gacacattgc gtcaattaag ggatttatta atgaaattcg atatttgaag agatgacaga agcatgtggt ttccagtcaa	atatcttata acaagtggaa tcctgaggct ccccaaatat tcccaagttt	gactttgacc gggggagtga gaaatgttca gagaagagca	ttaggaagca gttcagagtt tatatcctga gctatttcct	actatcggtt cttccactgt aaagggttcc atttgggatc	120 180 240 300
292 294 295 297 299 301 303 305	<pre><213> ORGANISM: Mus mo <400> SEQUENCE: 13 gaaaagatga gctccccacc gacacattgc gtcaattaag ggatttatta atgaaattcg atatttgaag agatgacaga agcatgtggt ttccagtcaa ttatgtggac tctccctaca</pre>	atatcttata acaagtggaa tcctgaggct ccccaaatat tcccaagttt taacttaaag	gactttgacc gggggagtga gaaatgttca gagaagagca gttatcaacc	ttaggaagca gttcagagtt tatatcctga gctatttcct ttcctttccc	actatcggtt cttccactgt aaagggttcc atttgggatc actggcttta	120 180 240 300 360
292 294 295 297 299 301 303 305 307	<pre><213> ORGANISM: Mus mo <400> SEQUENCE: 13 gaaaagatga gctccccacc gacacattgc gtcaattaag ggatttatta atgaaattcg atatttgaag agatgacaga agcatgtggt ttccagtcaa ttatgtggac tctccctaca tataaaaaaac ttttgaacca</pre>	atatcttata acaagtggaa tcctgaggct ccccaaatat tcccaagttt taacttaaag aaagccatct	gactttgacc gggggagtga gaaatgttca gagaagagca gttatcaacc ttcggaagac	ttaggaagca gttcagagtt tatatcctga gctatttcct ttcctttccc ttaaaagaac	actatcggtt cttccactgt aaagggttcc atttgggatc actggcttta tttagtcttc	120 180 240 300
292 294 295 297 299 301 303 305 307 309 311	<pre><213> ORGANISM: Mus motion <400> SEQUENCE: 13 gaaaagatga gctccccacc gacacattgc gtcaattaag ggatttatta atgaaattcg atatttgaag agatgacaga agcatgtggt ttccagtcaa ttatgtggac tctccctaca tataaaaaac ttttgaacca ccttggggag ggaatttgca cttcc</pre>	atatcttata acaagtggaa tcctgaggct ccccaaatat tcccaagttt taacttaaag aaagccatct	gactttgacc gggggagtga gaaatgttca gagaagagca gttatcaacc ttcggaagac	ttaggaagca gttcagagtt tatatcctga gctatttcct ttcctttccc ttaaaagaac	actatcggtt cttccactgt aaagggttcc atttgggatc actggcttta tttagtcttc	120 180 240 300 360 420
292 294 295 297 299 301 303 305 307 309 311	<pre><213> ORGANISM: Mus mo <400> SEQUENCE: 13 gaaaagatga gctccccacc gacacattgc gtcaattaag ggatttatta atgaaattcg atatttgaag agatgacaga agcatgtggt ttccagtcaa ttatgtggac tctccctaca tataaaaaac ttttgaacca ccttggggag ggaatttgca</pre>	atatcttata acaagtggaa tcctgaggct ccccaaatat tcccaagttt taacttaaag aaagccatct	gactttgacc gggggagtga gaaatgttca gagaagagca gttatcaacc ttcggaagac	ttaggaagca gttcagagtt tatatcctga gctatttcct ttcctttccc ttaaaagaac	actatcggtt cttccactgt aaagggttcc atttgggatc actggcttta tttagtcttc	120 180 240 300 360 420 480
292 294 295 297 299 301 303 305 307 309 311 313 314	<213> ORGANISM: Mus model <400> SEQUENCE: 13 gaaaagatga gctccccacc gacacattgc gtcaattaag ggatttatta atgaaattcg atattgaag agatgacaga agcatgtggt ttccagtcaa ttatgtggac tctccctaca tataaaaaac ttttgaacca ccttggggag ggaatttgca cttcc <210> SEQ ID NO: 14 <211> LENGTH: 469	atatcttata acaagtggaa tcctgaggct ccccaaatat tcccaagttt taacttaaag aaagccatct	gactttgacc gggggagtga gaaatgttca gagaagagca gttatcaacc ttcggaagac	ttaggaagca gttcagagtt tatatcctga gctatttcct ttcctttccc ttaaaagaac	actatcggtt cttccactgt aaagggttcc atttgggatc actggcttta tttagtcttc	120 180 240 300 360 420 480
292 294 295 297 299 301 303 305 307 309 311 313 314 315	<pre><213> ORGANISM: Mus motion <400> SEQUENCE: 13 gaaaagatga gctccccacc gacacattgc gtcaattaag ggatttatta atgaaattcg atatttgaag agatgacaga agcatgtggt ttccagtcaa ttatgtggac tctccctaca tataaaaaac ttttgaacca ccttggggag ggaatttgca cttcc <210> SEQ ID NO: 14 <211> LENGTH: 469 <212> TYPE: DNA</pre>	atatcttata acaagtggaa tcctgaggct ccccaaatat tcccaagttt taacttaaag aaagccatct aggaagttct	gactttgacc gggggagtga gaaatgttca gagaagagca gttatcaacc ttcggaagac	ttaggaagca gttcagagtt tatatcctga gctatttcct ttcctttccc ttaaaagaac	actatcggtt cttccactgt aaagggttcc atttgggatc actggcttta tttagtcttc	120 180 240 300 360 420 480
292 294 295 297 299 301 303 305 307 311 313 314 315 316	<pre><213> ORGANISM: Mus motion <400> SEQUENCE: 13 gaaaagatga gctccccacc gacacattgc gtcaattaag ggatttatta atgaaattcg atatttgaag agatgacaga agcatgtggt ttccagtcaa ttatgtggac tctccctaca tataaaaaac ttttgaacca ccttggggag ggaatttgca cttcc <210> SEQ ID NO: 14 <211> LENGTH: 469 <212> TYPE: DNA <213> ORGANISM: Mus mus</pre>	atatcttata acaagtggaa tcctgaggct ccccaaatat tcccaagttt taacttaaag aaagccatct aggaagttct	gactttgacc gggggagtga gaaatgttca gagaagagca gttatcaacc ttcggaagac	ttaggaagca gttcagagtt tatatcctga gctatttcct ttcctttccc ttaaaagaac	actatcggtt cttccactgt aaagggttcc atttgggatc actggcttta tttagtcttc	120 180 240 300 360 420 480
292 294 295 297 299 301 303 305 307 309 311 313 314 315 316 318	<pre><213> ORGANISM: Mus motion <400> SEQUENCE: 13 gaaaagatga gctccccacc gacacattgc gtcaattaag ggatttatta atgaaattcg atatttgaag agatgacaga agcatgtggt ttccagtcaa ttatgtggac tctccctaca tataaaaaac ttttgaacca ccttggggag ggaatttgca cttcc <210> SEQ ID NO: 14 <211> LENGTH: 469 <212> TYPE: DNA <213> ORGANISM: Mus motion <400> SEQUENCE: 14</pre>	atatcttata acaagtggaa tcctgaggct ccccaaatat tcccaagttt taacttaaag aaagccatct aggaagttct	gactttgacc gggggagtga gaaatgttca gagaagagca gttatcaacc ttcggaagac aaattgtgag	ttaggaagca gttcagagtt tatatcctga gctatttcct ttcctttccc ttaaaagaac ggctggtgga	actatcggtt cttccactgt aaagggttcc atttgggatc actggcttta tttagtcttc tattgaagaa	120 180 240 300 360 420 480 485
292 294 295 297 299 301 303 305 307 311 313 314 315 316 318 319	<213> ORGANISM: Mus model <400> SEQUENCE: 13 gaaaagatga gctccccacc gacacattgc gtcaattaag ggatttatta atgaaattcg atatttgaag agatgacaga agcatgtggt ttccagtcaa ttatgtggac tctccctaca tataaaaaac ttttgaacca ccttggggag ggaatttgca cttcc <210> SEQ ID NO: 14 <211> LENGTH: 469 <212> TYPE: DNA <213> ORGANISM: Mus model <400> SEQUENCE: 14 gccaaaattc aggaaaagga	atatcttata acaagtggaa tcctgaggct ccccaaatat tcccaagttt taacttaaag aaagccatct aggaagttct	gactttgacc gggggagtga gaaatgttca gagaagagca gttatcaacc ttcggaagac aaattgtgag	ttaggaagca gttcagagtt tatatcctga gctatttcct ttcctttccc ttaaaagaac ggctggtgga tgccgcagaa	actatcggtt cttccactgt aaagggttcc atttgggatc actggcttta tttagtcttc tattgaagaa	120 180 240 300 360 420 480 485
292 294 295 297 299 301 303 305 307 311 313 314 315 316 318 319 321	<213> ORGANISM: Mus model <400> SEQUENCE: 13 gaaaagatga gctccccacc gacacattgc gtcaattaag ggatttatta atgaaattcg atatttgaag agatgacaga agcatgtggt ttccagtcaa ttatgtggac tctccctaca tataaaaaac ttttgaacca ccttggggag ggaatttgca cttcc <210> SEQ ID NO: 14 <211> LENGTH: 469 <212> TYPE: DNA <213> ORGANISM: Mus model <400> SEQUENCE: 14 gccaaaattc aggaaaagga cgcagcgcg tccatccttt	atatcttata acaagtggaa tcctgaggct ccccaaatat tcccaagttt taacttaaag aaagccatct aggaagttct	gactttgacc gggggagtga gaaatgttca gagaagagca gttatcaacc ttcggaagac aaattgtgag aaaccgaaac gctgcctttg	ttaggaagca gttcagagtt tatatcctga gctatttcct ttcctttccc ttaaaagaac ggctggtgga tgccgcagaa ctccgcacca	actatcggtt cttccactgt aaagggttcc atttgggatc actggcttta tttagtcttc tattgaagaa agggcagacc tgaaccacac	120 180 240 300 360 420 480 485
292 294 295 297 299 301 303 305 307 309 311 313 314 315 316 318 319 321 323	<pre><213> ORGANISM: Mus motion <400> SEQUENCE: 13 gaaaagatga gctccccacc gacacattgc gtcaattaag ggatttatta atgaaattcg atatttgaag agatgacaga agcatgtggt ttccagtcaa ttatgtggac tctccctaca tataaaaaac ttttgaacca ccttggggag ggaatttgca cttcc <210> SEQ ID NO: 14 <211> LENGTH: 469 <212> TYPE: DNA <213> ORGANISM: Mus motion <400> SEQUENCE: 14 gccaaaattc aggaaaagga cgcagcgcgc tccatccttt ttctcaagcc ttcatcaccg</pre>	atatcttata acaagtggaa tcctgaggct ccccaaatat tcccaagttt taacttaaag aaagccatct aggaagttct asculus aacttctgag gcccttcagt ctgccagtgg	gactttgacc gggggagtga gaaatgttca gagaagagca gttatcaacc ttcggaagac aaattgtgag aaaccgaaac gctgcctttg aggacagccc	ttaggaagca gttcagagtt tatatcctga gctatttcct ttcctttccc ttaaaagaac ggctggtgga tgccgcagaa ctccgcacca ccaaactacg	actatcggtt cttccactgt aaagggttcc atttgggatc actggcttta tttagtcttc tattgaagaa agggcagacc tgaaccacac aaagaatcaa	120 180 240 300 360 420 480 485
292 294 295 297 299 301 303 305 307 311 313 314 315 316 318 319 321 323 325	<pre><213> ORGANISM: Mus motion <400> SEQUENCE: 13 gaaaagatga gctccccacc gacacattgc gtcaattaag ggatttatta atgaaattcg atatttgaag agatgacaga agcatgtggt ttccagtcaa ttatgtggac tctccctaca tataaaaaac ttttgaacca ccttggggag ggaatttgca cttcc <210> SEQ ID NO: 14 <211> LENGTH: 469 <212> TYPE: DNA <213> ORGANISM: Mus mu <400> SEQUENCE: 14 gccaaaattc aggaaaagga cgcagcgcc tccatccttt ttctcaagcc ttcatcaccg ggaagaatat gaggtggctg</pre>	atatcttata acaagtggaa tcctgaggct ccccaaatat tcccaagttt taacttaaag aaagccatct aggaagttct asculus aacttctgag gcccttcagt ctgccagtgg agatgggggc	gactttgacc gggggagtga gaaatgttca gagaagagca gttatcaacc ttcggaagac aaattgtgag aaaccgaaac gctgcctttg aggacagcc accgcacgga	ttaggaagca gttcagagtt tatatcctga gctatttcct ttcctttccc ttaaaagaac ggctggtgga tgccgcagaa ctccgcacca ccaaactacg tcggcttctg	actatcggtt cttccactgt aaagggttcc atttgggatc actggcttta tttagtcttc tattgaagaa agggcagacc tgaaccacac aaagaatcaa tcagaactac	120 180 240 300 360 420 480 485
292 294 295 297 299 301 303 305 307 311 313 314 315 316 318 319 321 323 325 327	<pre><213> ORGANISM: Mus motion <400> SEQUENCE: 13 gaaaagatga gctccccacc gacacattgc gtcaattaag ggatttatta atgaaattcg atatttgaag agatgacaga agcatgtggt ttccagtcaa ttatgtggac tctccctaca tataaaaaac ttttgaacca ccttggggag ggaatttgca cttcc <210> SEQ ID NO: 14 <211> LENGTH: 469 <212> TYPE: DNA <213> ORGANISM: Mus motion <400> SEQUENCE: 14 gccaaaattc aggaaaagga cgcagcgcc tccatccttt ttctcaagcc ttcatcaccg ggaagaatat gaggtggctg tgtgatcaac atgcccagag</pre>	atatcttata acaagtggaa tcctgaggct ccccaaatat tcccaagttt taacttaaag aaagccatct aggaagttct asculus acttctgag gcccttcagt ctgccagtgg agatgggggc aggtgtcggt	gactttgacc gggggagtga gaaatgttca gagaagagca gttatcaacc ttcggaagac aaattgtgag aaaccgaaac gctgcctttg aggacagccc accgcacgga gcctgaccat	ttaggaagca gttcagagtt tatatcctga gctatttcct ttcctttccc ttaaaagaac ggctggtgga tgccgcagaa ctccgcacca ccaaactacg tcggcttctg gtggtctggt	actatcggtt cttccactgt aaagggttcc atttgggatc actggcttta tttagtcttc tattgaagaa agggcagacc tgaaccacac aaagaatcaa tcagaactac ccctgttcaa	120 180 240 300 360 420 480 485
292 294 295 297 299 301 303 305 307 309 311 313 314 315 316 318 321 323 325 327 329	<pre><213> ORGANISM: Mus motion <400> SEQUENCE: 13 gaaaagatga gctccccacc gacacattgc gtcaattaag ggatttatta atgaaattcg atatttgaag agatgacaga agcatgtggt ttccagtcaa ttatgtggac tctccctaca tataaaaaac ttttgaacca ccttggggag ggaatttgca cttcc <210> SEQ ID NO: 14 <211> LENGTH: 469 <212> TYPE: DNA <213> ORGANISM: Mus mu <400> SEQUENCE: 14 gccaaaattc aggaaaagga cgcagcgcc tccatccttt ttctcaagcc ttcatcaccg ggaagaatat gaggtggctg</pre>	atatcttata acaagtggaa tcctgaggct ccccaaatat tcccaagttt taacttaaag aaagccatct aggaagttct asculus acttctgag gcccttcagt ctgccagtgg agatggggc aggtgtcggt gctgcctggg	gactttgacc gggggagtga gaaatgttca gagaagagca gttatcaacc ttcggaagac aaattgtgag aaaccgaaac gctgcctttg aggacagccc accgcacgga gcctgaccat cttcatagcc	ttaggaagca gttcagagtt tatatcctga gctatttcct ttcctttccc ttaaaagaac ggctggtgga tgccgcagaa ctccgcacca ccaaactacg tcggcttctg gtggtctggt tatgcctact	actatcggtt cttccactgt aaagggttcc atttgggatc actggcttta tttagtcttc tattgaagaa agggcagacc tgaaccacac aaagaatcaa tcagaactac ccctgttcaa ccgtgaagtc	120 180 240 300 360 420 480 485

RAW SEQUENCE LISTING DATE: 07/03/2003 PATENT APPLICATION: US/09/854,432A TIME: 15:28:16

Input Set : A:\49853seq.txt

Output Set: N:\CRF4\07032003\I854432A.raw

337	gtgcctgaac atcagcacct <210> SEQ ID NO: 15 <211> LENGTH: 161 <212> TYPE: DNA	tggtcctcag	catcctgatg	gttgttatc		469
	<213> ORGANISM: Mus mu	usculus				
	<400> SEQUENCE: 15					
	gattcggcac gacggagtgg					60
	tcaggcgagt gtcgcacacg				ctgagtgtca	120
	cgtccgccct ggatctactc	actgaagaac	agattgggcc	С		161
	<210> SEQ ID NO: 16 <211> LENGTH: 470					
	<212> TYPE: DNA					
	<213> ORGANISM: Mus mu	usculus				
	<400> SEQUENCE: 16					
	ctgggaggga tattaccagg					60
	accattctgc tgattttgag					120
	acaatattga gcaggagcag					180
	cacttccaga tggacgtatc					240
	tatttcagcc tcatttgatc					300
	caatccaggc agccgacatt gaggttctac catgtatcct					360 420
	acttagaacg agttctgaaa				adacaycccc	470
	<210> SEQ ID NO: 17	9949409499		addecedaga		1,0
	<211> LENGTH: 565					
	<212> TYPE: DNA					
	<213> ORGANISM: Mus mu	ısculus				
	<400> SEQUENCE: 17					
		ataataaaaa	~~~~~~tatt	ctcccaggat	ggacaattct	60
	atteggatee atgetgeaac					
380	catgctacaa agtcctgtgt	gctcatcctt	cttgtggccc	tactgcgtgc	agaaagagtt	120
380 382	catgctacaa agtcctgtgt caggggctgg aatgctacca	gctcatcctt gtgttttgat	cttgtggccc gtcccacttg	tactgcgtgc agacttcctg	agaaagagtt caatacaact	120 180
380 382 384	catgctacaa agtcctgtgt caggggctgg aatgctacca acctgcctga atggatgact	gctcatcctt gtgttttgat ctcagagaaa	cttgtggccc gtcccacttg aaaagcaaag	tactgcgtgc agacttcctg aacagttatt	agaaagagtt caatacaact gcttttccat	120 180 240
380 382 384 386	catgctacaa agtcctgtgt caggggctgg aatgctacca acctgcctga atggatgact ctgccctact aataaatatt	gctcatcctt gtgttttgat ctcagagaaa tcacgatcct	cttgtggccc gtcccacttg aaaagcaaag ggatgctact	tactgcgtgc agacttcctg aacagttatt gtcagtgtga	agaaagagtt caatacaact gcttttccat agagtttctg	120 180 240 300
380 382 384 386 388	catgctacaa agtcctgtgt caggggctgg aatgctacca acctgcctga atggatgact ctgccctact aataaatatt ttgcaaggaa gacctctgca	gctcatcctt gtgttttgat ctcagagaaa tcacgatcct atgcagagag	cttgtggccc gtcccacttg aaaagcaaag ggatgctact ttgccacagg	tactgcgtgc agacttcctg aacagttatt gtcagtgtga aagcagctcc	agaaagagtt caatacaact gcttttccat agagtttctg tagaccatgg	120 180 240
380 382 384 386 388 390	catgctacaa agtcctgtgt caggggctgg aatgctacca acctgcctga atggatgact ctgccctact aataaatatt	gctcatcctt gtgttttgat ctcagagaaa tcacgatcct atgcagagag ctgggctcag	cttgtggccc gtcccacttg aaaagcaaag ggatgctact ttgccacagg tcctcctaca	tactgcgtgc agacttcctg aacagttatt gtcagtgtga aagcagctcc gaccctgctg	agaaagagtt caatacaact gcttttccat agagtttctg tagaccatgg tgatggtcct	120 180 240 300 360
380 382 384 386 388 390 392	catgctacaa agtcctgtgt caggggctgg aatgctacca acctgcctga atggatgact ctgccctact aataaatatt ttgcaaggaa gacctctgca caggggtgct tctgttcagc	gctcatcctt gtgttttgat ctcagagaaa tcacgatcct atgcagagag ctgggctcag tccttttatc	cttgtggccc gtcccacttg aaaagcaaag ggatgctact ttgccacagg tcctcctaca ctcatgtgta	tactgcgtgc agacttcctg aacagttatt gtcagtgtga aagcagctcc gaccctgctg agcactcttt	agaaagagtt caatacaact gcttttccat agagtttctg tagaccatgg tgatggtcct cctggagccc	120 180 240 300 360 420 480 540
380 382 384 386 388 390 392 394 396	catgctacaa agtcctgtgt caggggctgg aatgctacca acctgcctga atggatgact ctgccctact aataaatatt ttgcaaggaa gacctctgca caggggtgct tctgttcagc tccaacaacc ctcacccttg tctagtgatg agtagttccc cactcctcc	gctcatcctt gtgttttgat ctcagagaaa tcacgatcct atgcagagag ctgggctcag tccttttatc tatagaagct	cttgtggccc gtcccacttg aaaagcaaag ggatgctact ttgccacagg tcctcctaca ctcatgtgta	tactgcgtgc agacttcctg aacagttatt gtcagtgtga aagcagctcc gaccctgctg agcactcttt	agaaagagtt caatacaact gcttttccat agagtttctg tagaccatgg tgatggtcct cctggagccc	120 180 240 300 360 420 480
380 382 384 386 390 392 394 396 399	catgctacaa agtcctgtgt caggggctgg aatgctacca acctgcctga atggatgact ctgcctact aataaatatt ttgcaaggaa gacctctgca caggggtgct tctgttcagc tccaacaacc ctcacccttg tctagtgatg aattgtgagt ggtagttccc cactcctcc <210> SEQ ID NO: 18	gctcatcctt gtgttttgat ctcagagaaa tcacgatcct atgcagagag ctgggctcag tccttttatc tatagaagct	cttgtggccc gtcccacttg aaaagcaaag ggatgctact ttgccacagg tcctcctaca ctcatgtgta	tactgcgtgc agacttcctg aacagttatt gtcagtgtga aagcagctcc gaccctgctg agcactcttt	agaaagagtt caatacaact gcttttccat agagtttctg tagaccatgg tgatggtcct cctggagccc	120 180 240 300 360 420 480 540
380 382 384 386 388 390 392 394 396 399 400	catgctacaa agtcctgtgt caggggctgg aatgctacca acctgcctga atggatgact ctgcctact aataaatatt ttgcaaggaa gacctctgca caggggtgct tctgttcagc tccaacaacc ctcacccttg tctagtgatg aattgtgagt ggtagttccc cactcctcc <210> SEQ ID NO: 18 <211> LENGTH: 474	gctcatcctt gtgttttgat ctcagagaaa tcacgatcct atgcagagag ctgggctcag tccttttatc tatagaagct	cttgtggccc gtcccacttg aaaagcaaag ggatgctact ttgccacagg tcctcctaca ctcatgtgta	tactgcgtgc agacttcctg aacagttatt gtcagtgtga aagcagctcc gaccctgctg agcactcttt	agaaagagtt caatacaact gcttttccat agagtttctg tagaccatgg tgatggtcct cctggagccc	120 180 240 300 360 420 480 540
380 382 384 386 388 390 392 394 396 399 400 401	catgctacaa agtcctgtgt caggggctgg aatgctacca acctgcctga atggatgact ctgccctact aataaatatt ttgcaaggaa gacctctgca caggggtgct tctgttcagc tccaacaacc ctcacccttg tctagtgatg aattgtgagt ggtagttccc cactcctctc <210> SEQ ID NO: 18 <211> LENGTH: 474 <212> TYPE: DNA	gctcatcctt gtgttttgat ctcagagaaa tcacgatcct atgcagagag ctgggctcag tccttttatc tatagaagct taggg	cttgtggccc gtcccacttg aaaagcaaag ggatgctact ttgccacagg tcctcctaca ctcatgtgta	tactgcgtgc agacttcctg aacagttatt gtcagtgtga aagcagctcc gaccctgctg agcactcttt	agaaagagtt caatacaact gcttttccat agagtttctg tagaccatgg tgatggtcct cctggagccc	120 180 240 300 360 420 480 540
380 382 384 386 388 390 392 394 396 400 401 402	catgctacaa agtcctgtgt caggggctgg aatgctacca acctgcctga atggatgact ctgccctact aataaatatt ttgcaaggaa gacctctgca caggggtgct tctgttcagc tccaacaacc ctcacccttg tctagtgatg aattgtgagt ggtagttccc cactcctctc <210> SEQ ID NO: 18 <211> LENGTH: 474 <212> TYPE: DNA <213> ORGANISM: Mus mu	gctcatcctt gtgttttgat ctcagagaaa tcacgatcct atgcagagag ctgggctcag tccttttatc tatagaagct taggg	cttgtggccc gtcccacttg aaaagcaaag ggatgctact ttgccacagg tcctcctaca ctcatgtgta	tactgcgtgc agacttcctg aacagttatt gtcagtgtga aagcagctcc gaccctgctg agcactcttt	agaaagagtt caatacaact gcttttccat agagtttctg tagaccatgg tgatggtcct cctggagccc	120 180 240 300 360 420 480 540
380 382 384 386 390 392 394 396 399 400 401 402 404	catgctacaa agtcctgtgt caggggctgg aatgctacca acctgcctga atggatgact ctgccctact aataaatatt ttgcaaggaa gacctctgca caggggtgct tctgttcagc tccaacaacc ctcacccttg tctagtgatg aattgtgagt ggtagttccc cactcctcc <210> SEQ ID NO: 18 <211> LENGTH: 474 <212> TYPE: DNA <213> ORGANISM: Mus mu <400> SEQUENCE: 18	gctcatcctt gtgttttgat ctcagagaaa tcacgatcct atgcagagag ctgggctcag tccttttatc tatagaagct taggg	cttgtggccc gtcccacttg aaaagcaaag ggatgctact ttgccacagg tcctcctaca ctcatgtgta ccaaggtggg	tactgcgtgc agacttcctg aacagttatt gtcagtgtga aagcagctcc gaccctgctg agcactcttt ggactttata	agaaagagtt caatacaact gcttttccat agagtttctg tagaccatgg tgatggtcct cctggagccc acctcagctg	120 180 240 300 360 420 480 540 565
380 382 384 386 390 392 394 396 399 400 401 402 404 405	catgctacaa agtcctgtgt caggggctgg aatgctacca acctgcctga atggatgact ctgccctact aataaatatt ttgcaaggaa gacctctgca caggggtgct tctgttcagc tccaacaacc ctcacccttg tctagtgatg aattgtgagt ggtagttccc cactcctctc <210> SEQ ID NO: 18 <211> LENGTH: 474 <212> TYPE: DNA <213> ORGANISM: Mus mm <400> SEQUENCE: 18 aaaagaaagt ctttgttatc	gctcatcctt gtgttttgat ctcagagaaa tcacgatcct atgcagagag ctgggctcag tccttttatc tatagaagct taggg	cttgtggccc gtcccacttg aaaagcaaag ggatgctact ttgccacagg tcctcctaca ctcatgtgta ccaaggtggg	tactgcgtgc agacttcctg aacagttatt gtcagtgtga aagcagctcc gaccctgctg agcactcttt ggactttata	agaaagagtt caatacaact gcttttccat agagtttctg tagaccatgg tgatggtcct cctggagccc acctcagctg	120 180 240 300 360 420 480 540 565
380 382 384 386 390 392 394 396 399 400 401 402 404 405 407	catgctacaa agtcctgtgt caggggctgg aatgctacca acctgcctga atggatgact ctgccctact aataaatatt ttgcaaggaa gacctctgca caggggtgct tctgttcagc tccaacaacc ctcacccttg tctagtgatg aattgtgagt ggtagttccc cactcctcc <210> SEQ ID NO: 18 <211> LENGTH: 474 <212> TYPE: DNA <213> ORGANISM: Mus mu <400> SEQUENCE: 18	gctcatcctt gtgttttgat ctcagagaaa tcacgatcct atgcagagag ctgggctcag tccttttatc tatagaagct taggg	cttgtggccc gtcccacttg aaaagcaaag ggatgctact ttgccacagg tcctcctaca ctcatgtgta ccaaggtggg gggcaaaggt ctgtaaggcc	tactgcgtgc agacttcctg aacagttatt gtcagtgtga aagcagctcc gaccctgctg agcactcttt ggactttata accagtaacc tgaggactat	agaaagagtt caatacaact gcttttccat agagtttctg tagaccatgg tgatggtcct cctggagccc acctcagctg tctttagaaa gttttcactg	120 180 240 300 360 420 480 540 565
380 382 384 386 390 392 394 396 399 400 401 402 404 405 407 409 411	catgctacaa agtcctgtgt caggggctgg aatgctacca acctgcctga atggatgact ctgccctact aataaatatt ttgcaaggaa gacctctgca caggggtgct tctgttcagc tccaacaacc ctcacccttg tctagtgatg aattgtgagt ggtagttccc cactcctcc <210> SEQ ID NO: 18 <211> LENGTH: 474 <212> TYPE: DNA <213> ORGANISM: Mus mu <400> SEQUENCE: 18 aaaagaaagt ctttgttatc cctgcaaaca ggtgaaagag acaacatgat ctgtgctggc cttttgcttt ccaggtcccc	gctcatcctt gtgttttgat ctcagagaaa tcacgatcct atgcagagag ctgggctcag tccttttatc tatagaagct taggg	cttgtggccc gtcccacttg aaaagcaaag ggatgctact ttgccacagg tcctcctaca ctcatgtgta ccaaggtggg gggcaaaggt ctgtaaggcc ttgacagctg tccccaaatt	tactgcgtgc agacttcctg aacagttatt gtcagtgtga aagcagctcc gaccctgctg agcactcttt ggactttata accagtaacc tgaggactat tcacggggac ctatgtagct	agaaagagtt caatacaact gcttttccat agagtttctg tagaccatgg tgatggtcct cctggagccc acctcagctg tctttagaaa gttttcactg agcggcgggg ggcttggtgt	120 180 240 300 360 420 480 540 565
380 382 384 386 390 392 394 396 399 400 401 402 404 405 407 409 411 413	catgctacaa agtcctgtgt caggggctgg aatgctacca acctgcctga atggatgact ctgccctact aataaatatt ttgcaaggac gacctctgca caggggtgct tctgttcagc tccaacaacc ctcacccttg tctagtgatg aattgtgagt ggtagttccc cactcctcc <210> SEQ ID NO: 18 <211> LENGTH: 474 <212> TYPE: DNA <213> ORGANISM: Mus mus <400> SEQUENCE: 18 aaaagaaagt ctttgttatc cctgcaaaca ggtgaaagag acaacatgat ctgtgctggc cttttgcttt ccaggtcccc cttgggggaa aaggtgtggg	gctcatcctt gtgttttgat ctcagagaaa tcacgatcct atgcagagag ctgggctcag tccttttatc tatagaagct taggg asculus aacctcagag gagaacccca gagaaaggtg aatgtcacgg acttatggg	cttgtggccc gtcccacttg aaaagcaaag ggatgctact ttgccacagg tcctcctaca ctcatgtgta ccaaggtggg gggcaaaggt ctgtaaggcc ttgacagctg tccccaaatt tctacacaaa	tactgcgtgc agacttcctg aacagttatt gtcagtgtga aagcagctcc gaccctgctg agcactcttt ggactttata accagtaacc tgaggactat tcacggggac ctatgtagct ggtaaagaat	agaaagagtt caatacaact gcttttccat agagtttctg tagaccatgg tgatggtcct cctggagccc acctcagctg tctttagaaa gttttcactg agcggcgggg ggcttggtgt tacgtggact	120 180 240 300 360 420 480 540 565
380 382 384 386 390 392 394 396 399 400 401 405 407 409 411 413 415	catgctacaa agtcctgtgt caggggctgg aatgctacca acctgcctga atggatgact ctgcctact aataaatatt ttgcaaggaa gacctctgca caggggtgct tctgttcagc tccaacaacc ctcacccttg tctagtgatg aattgtgagt ggtagttccc cactcctcc <210> SEQ ID NO: 18 <211> LENGTH: 474 <212> TYPE: DNA <213> ORGANISM: Mus mm <400> SEQUENCE: 18 aaaagaaagt ctttgttatc cctgcaaaca ggtgaaagag acaacatgat ctgtgctggc cttttgcttt ccaggtccc cttgggggaa aaggtgtggg ggatcctgaa aactatgcag	gctcatcctt gtgttttgat ctcagagaaa tcacgatcct atgcagagag ctgggctcag tccttttatc tatagaagct taggg asculus aacctcagag gagaacccca gagaaaggtg aatgtcacgg acttatgggg gagaatagtg	cttgtggccc gtcccacttg aaaagcaaag ggatgctact ttgccacagg tcctcctaca ctcatgtgta ccaaggtggg gggcaaaggt ctgtaaggcc ttgacagctg tccccaaatt tctacacaaa ggcccaggaa	tactgcgtgc agacttcctg aacagttatt gtcagtgtga aagcagctcc gaccctgctg agcactcttt ggactttata accagtaacc tgaggactat tcacggggac ctatgtagct ggtaaagaat ggactagatc	agaaagagtt caatacaact gcttttccat agagtttctg tagaccatgg tgatggtcct cctggagccc acctcagctg tctttagaaa gttttcactg agcggcgggg ggcttggtgt tacgtggact cgtaggcgac	120 180 240 300 360 420 480 540 565
380 382 384 386 390 392 394 396 399 400 401 405 407 409 411 413 415	catgctacaa agtcctgtgt caggggctgg aatgctacca acctgcctga atggatgact ctgccctact aataaatatt ttgcaaggac gacctctgca caggggtgct tctgttcagc tccaacaacc ctcacccttg tctagtgatg aattgtgagt ggtagttccc cactcctcc <210> SEQ ID NO: 18 <211> LENGTH: 474 <212> TYPE: DNA <213> ORGANISM: Mus mus <400> SEQUENCE: 18 aaaagaaagt ctttgttatc cctgcaaaca ggtgaaagag acaacatgat ctgtgctggc cttttgcttt ccaggtcccc cttgggggaa aaggtgtggg	gctcatcctt gtgttttgat ctcagagaaa tcacgatcct atgcagagag ctgggctcag tccttttatc tatagaagct taggg asculus aacctcagag gagaacccca gagaaaggtg aatgtcacgg acttatgggg gagaatagtg	cttgtggccc gtcccacttg aaaagcaaag ggatgctact ttgccacagg tcctcctaca ctcatgtgta ccaaggtggg gggcaaaggt ctgtaaggcc ttgacagctg tccccaaatt tctacacaaa ggcccaggaa	tactgcgtgc agacttcctg aacagttatt gtcagtgtga aagcagctcc gaccctgctg agcactcttt ggactttata accagtaacc tgaggactat tcacggggac ctatgtagct ggtaaagaat ggactagatc	agaaagagtt caatacaact gcttttccat agagtttctg tagaccatgg tgatggtcct cctggagccc acctcagctg tctttagaaa gttttcactg agcggcgggg ggcttggtgt tacgtggact cgtaggcgac	120 180 240 300 360 420 480 540 565

VERIFICATION SUMMARY

DATE: 07/03/2003

PATENT APPLICATION: US/09/854,432A TIME: 15:28:17

Input Set : A:\49853seq.txt
Output Set: N:\CRF4\07032003\1854432A.raw

L:11 M:271 C: Current Filing Date differs, Replaced Current Filing Date